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U. S. PATENT DOCUMENTS

EXAMINER INITIALS	Cita No.1	U.S. PATENT DOCUMENT Number Kind Code ² (If known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
CB		4,097,397	Mizutani et al.	06/27/1978	
03	 	4,102,824	Mizutani et al.	07/25/1978	
013		4,267,077	Niimi et al.l	05/12/1981	
03		4,708,807	Kemerer	11/24/1987	
13		4,909,962	Clark	03/20/1990	
00		4,909,962	Clark	03/20/1990	
1.13		5,037,485	Chromecek et al.	08/06/1991	
10		5,116,426	Yokohama et al.	05/26/1992	
PB.	 	5,271,775	Asano et al.	12/21/1993	
CB		5,302,313	Asano et al.	04/12/1994	
013		5,360,571	Kilgour et al.	11/01/1994	
16	 	5,443,747	Inada et al.	08/22/1995	
10		5,503,681	Inada et al.	04/02/1996	
PA	-	5.503.778	Liu et al.	04/01/1996	
03		5,520,827	Danner	05/28/1996	
Cab	1	5,593,507	Inada et al.	01/14/1997	
00	1	5,597,792	Klier et al.	01/28/1997	
	1	5,628,883	McCormack et al.	05/13/1997	
CO	 	5,676,705	Jureller et al.	10/14/1997	·
(B	1	5,683,473	Jureller et al.	11/04/1997	
CB	†	5,683,977	Jureller et al.	11/04/1997	
es	_	5,690,750	Inada et al.	11/25/1997	
CB	1	5,705,562	Hill	01/06/1998	
es	1	5,707,613	Hill	01/13/1998	
CIS	†	5,716,456	Inada et al.	02/10/1998	
CB		5.722.781	Yamaguchi	03/03/1998	
CA	1	5,741,365	Inada et al.	04/21/1998	
(1)	1	5,769,962	Inada et al.	06/23/1998	
CB	 	5,783,092	Brown et al.	07/21/1998	
13	†	5,811,383	Klier et al.	09/22/1998	
TA	 	5,858,022	Romack et al.	01/12/1999	·
B	+	5,865,852	Berndt	02/02/1999	
CIE	 	5,866,005	DeSimone et al.	02/02/1999	
00	 	5,876,510	Kuemin et al.	03/02/1999	
PA	1	5,877,133	Good	03/02/1999	
CB	+	5,888,250	Hayday et al.	03/30/1999	
(B	+	5,929,012	Del Duca et al.	07/27/1999	
CA	1	5,942,007	Berndt et al.	08/24/1999	
PA	1	5,944,996	DeSimone et al.	08/31/1999	
60	1	5,954,869	Elfersy et al.	09/21/1999	
Can	 -	5,977,040	Inada et al.	11/02/1999	
CA	+	5,977,045	Murphy	11/02/1999	
CA	 	5,985,810	Inada et al.	11/16/1999	
PA	 	6.001,1233	DeYoung et al.	12/14/1999	
CA	1	6.013.683	Hill et al.	01/11/2000	
7	+	6,042,617	Berndt	03/28/2000	
e B	+	6,042,618	Berndt et al.	03/28/2000	T

CB	6,056,789		Berndt et al.	05/02/2000	
CB	6,059,845		Berndt et al	05/09/2000	
CB	6,060,546		Powell et al.	05/09/2000	
(25)	6,063,135		Berndt et al.	05/16/2000	
CB	6,086,635		Berndt et al.	07/11/2000	
CAS	6,114,295		Murphy	09/05/2000	
CB	6,131,421		Jureller et al.	10/17/2000	
CB	6,136,766		Inada et al.	10/24/2000	
CB	6,148,644		Jureller et al.	11/21/2000	
CB	6,156,074		Hayday et al.	12/05/2000	
10	6,177,399	B1	Mei et al.	01/23/2001	
CB	6,200,352	B1_	Romack et al.	03/13/2001	
CB	6,200,393	B1	Romack et al.	03/13/2001	·
CB	6,200,943	B1	Romack et al.	03/13/2001	
CB	6,204,233	B1	Smith et al.	03/20/2001	
OB	6,228,826	B1	DeYoung et al.	05/08/2001	
CB	6,242,408	B1	Elms et al.	06/05/2001	<u> </u>
CB	5,057,240		Madore et al.	10/15/1991	
CB	6,310,029	B1	Kilgour et al.	10/30/2001	
e3	6,313,079	B1	Murphy et al.	11/06/2001	
CB	3,395,086		Victor et al.	07/30/1968	
CB	3,692,467		Durr et al.	09/19/1972	
CB	3,839,176		McCoy et al.	10/01/1974	
es	4,108,599		Coll-Palagos et al.	08/22/1978	
CB	4,664,754		Caputi et al.	05/12/1987	
CB	5,882,506		Ohsol et al.	03/16/1999	
eB	6,312,476	B1	Perry et al.	11/06/2001	
CB	6,368,359	B1	Perry et al.	04/09/2002	<u> </u>
4	US 20020017493		Ehrensperger et al.	02/14/2002	
en	US 20020038480		Deak et al.	04/04/2002	
en	US 2002084715		Taylor et al.	12/12/2002	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS'	Cite No.1	Office ³	REIGN PATENT DO Number	CUMENT Kind Code [®] (If known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	7*
PA		CA	1 239 326		Kasprzak	07/19/1988		
CA		EP	0 479 146	B1	Kazama	12/18/1996		
CA		EΡ	1 041 189	A1	Kilgour et al.	10/04/2000		
CB		EΡ	1 092 803	A1	Murphy	04/18/2001		
es		JР	00144175	A	Hirotake et al.	05/26/2000	·	
CA		JР	2000-192085		Koki et al.	07/11/2000		
CB		JP	00290689	A	Masahiko et al.	10/17/2000		<u> </u>
CB		JР	04323299	A				
CB		JP	05239766	A				
63		JP	05051598	A				
co		JP	08073837	Α				
CB	1	JP	09143497	Α				
CB		JP	10-017,891		Oi et al.	01/20/1998		
CB	1	JP	1098-798	Α				
CA		JP	11-092,784		Matsumoto et al.	04/06/1999		<u> </u>
CB		JP	11-323,381		Matsumoto et al.	11/26/1999		
CAS	1	JP	11-323,383		Matsumoto et al.	11/26/1999		
CAS		JP	1188-595	Α				<u> </u>
CB	1	JP	2166-198	Α				
PB	1	JP	2202-599	. A				L
CB		JP	2222-496	Α				
es		JP	3046-300	A				
1 K	†	JP	3063-799	A				ļ
OB		wo	99/57358		Murphy	11/11/1999		<u> </u>
CB		wo	00/04221		Berndt et al.	01/27/2000		ļ
CB		wo	00/04222		Berndt	01/27/2000		ļ
CB	1	wo	00/63340		Shick et al.	10/26/2000	<u> </u>	L
CB		wo	01/06051	A1	Greenearth Elec.	01/25/2001		
en		WO	01/34613	A1	Greenearth Elec.	05/17/2001	1	<u> </u>
CR	<u> </u>	wo	01/34706	A1	Perry et al.	05/17/2001		<u> </u>
18	\vdash	WO	01/40567	A1	Murphy	06/07/2001		

CB	wo	01/27380	A1	Greenearth Cleaning	04/19/2001		
CB	wo	01/44256	A1	General Elec.	06/21/2001		
CB	wo	01/94679	A2	Procter & Gamble	12/13/2001		
CB	wo	02/077356	A1	General Elec.	10/03/2002		
CB	DE	3739711		Chemische Fabrik Dreussler	06/08/1989		
ch	EP	0841362		Dow Corning	05/13/1998		
015	JP	61-085995		Mitsubishi	05/01/1986	(Abstract only)	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

EXAMINER INITIALS*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T°
CM		TRILO et al.; "CRITICAL MICELLE DENSITY FOR THE SELF-ASSEMBLY OF BLOCK COPOLYMER SURFACTANTS IN SUPERCRITICAL CARBON DIOXIDE"; Pages 416-421	
CB		SARBU et al.; "NON-FLUOROUS POLYMERS WITH VERY HIGH SOLUBILITY IN SUPERCRITICAL CO2 DOWN TO LOW PRESSURES"; Pages 165-168	

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EXAMINER //	L/28/05							
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